| <br>x of C |  |
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|            |  |

Application/Control No.

10/611,486

CLINTON ET AL.

Examiner

**Art Unit** 

Applicant(s)/Patent under Reexamination

Oanh Duong

2155

| <b>√</b> | Rejected |
|----------|----------|
| =        | Allowed  |

(Through numeral) Cancelled

Restricted

| Z | Non-Elected  |
|---|--------------|
| _ | Interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

| Cla      | aim      | Ι        |  |  |          | Date   | <u>—</u>   | -  |              |          |     | Cla   | aim      | Γ.             |   |   | -        | Date         | <u>—</u>   |  |  | _ |
|----------|----------|----------|--|--|----------|--|--|--|--------------|----------|-----|-------|----------|----------------|---|---|----------|--------------|--|--|--|---|
| Final    | Original | 10/11/06 |  |  |          |  |  |  |              |          |     | Final | Original |                |   |   |          |              |  |  |  |   |
| iĒ       | Orig     |          |  |  |          |  |  |  |              |          |     | ίΞ    |          |                |   |   |          |              |  |  |  |   |
|          | 1        | <        |  |  |          |  | L  |  | <u> </u>     |          |     |       | 51       | Щ              |   |   | <u> </u> | $oxed{oxed}$ | _  | _  | L  | L |
|          | 2        | ✓        | <u> </u>   |  |          |  | L  | L  | _            |          |     |       | 52       | Щ              |   |   | <u> </u> | 乚            | _  | _  | L  | Ļ |
|          | 3        | ✓        | $ldsymbol{ld}}}}}}$ | <u> </u>   | _        | <u> </u>   | L  | L  | <u> </u>     |          |     |       | 53       | Ш              |   |   | _        | _            | _  | _  | _  | Ļ |
|          | 4        | ✓        |  | _  | L        | L.   |  | L  | <u> </u>     |          |     |       | 54       | Ш              |   |   | L        | <u> </u>     | <u> </u>   | _  | _  | Ļ |
|          | 5        | ✓        | _  | <u> </u>   | <u> </u> |  |  | <u> </u>   | L_           | Ļ        |     |       | 55       | Ш              |   | ٠ | <u> </u> | <u> </u>     | L  | _  |  | Ļ |
|          | 6        | ✓        |  | ļ.,  |          | L_   | _  | _  | L.           | _        |     |       | 56       | Щ              |   |   | _        | <u> </u>     | <u> </u>   | <u> </u>   |  | Ļ |
|          | 7        | <b>✓</b> | _  | L  | _        | <u> </u>   |  | ╙  | <u> </u>     | <u> </u> |     |       | 57       | -              |   |   | <u> </u> | _            | _  | L  |  | Ļ |
|          | 8        | ✓        |  |  | _        | <u> </u>   | L.   | L  |              | _        |     |       | 58       |                |   |   | _        | _            | <u> </u>   |  |  | Ļ |
|          | 9        | <        |  |  |          |  |  | <u> </u>   | <u> </u>     | _        |     |       | 59       |                |   |   | _        | _            | _  | _  | _  | Ļ |
|          | 10       | ✓        |  |  | L.       |  | _  | _  | _            |          |     |       | 60       | Ш              |   |   | <u> </u> | <u> </u>     | _  |  | <u> </u>   | Ļ |
|          | 11       | ✓        |  |  |          |  | <u> </u>   | _  | _            | <u> </u> |     |       | 61       | $\sqcup$       |   |   | <u> </u> | <u> </u>     | ┞  | <u> </u>   | _  | Ļ |
|          | 12       | V        |  |  |          | <u>L</u>   | _  | <u> </u>   | <u> </u>     | <u> </u> |     |       | 62       | $\vdash$       |   |   | <u> </u> | <u> </u>     | <u> </u>   | <u> </u>   | _  | Ļ |
|          | 13       | V        |  |  | <u> </u> | <u> </u>   | _  | _  | L            | <u> </u> |     |       | 63       |                |   |   | ⊢        |              | _  | _  | <u> </u>   | ╀ |
|          | 14       | 1        |  |  | <u> </u> | ┞  | _  | _  |              | _        |     |       | 64       | Ш              |   |   | L        | <u> </u>     | -  | ⊢  | $\vdash$   | Ł |
| <u></u>  | 15       | <b>√</b> |  |  | _        | $\vdash$   |  | <u> </u>   | <u> </u>     |          |     |       | 65       |                |   |   | L        | ⊢            | <u> </u>   | ⊢  |  | ╀ |
| <u> </u> | 16       | ,        | _  | _  | <u> </u> | _  | _  | <u> </u>   | <u> </u>     |          |     |       | 66       | Н              |   |   | ⊢        | ⊢            | ├-   | -  | _  | Ł |
| <u> </u> | 17       | √,       |  | _  | _        | <u> </u>   | -  | <u> </u>   | ⊢            | -        |     |       | 67       | H              |   |   | ⊢        | ┝            | <u> </u>   | <del> </del>                                     | -  | ╀ |
| <u> </u> | 18       | <b>√</b> |  |  | _        | _  |  |  | <u> </u>     | _        |     |       | 68       | Н              |   |   |          | ┝            | ⊢  | <u> </u>   | -  | ╀ |
|          | 19       | 1        |  |  | <u> </u> | <b>!</b> —                                       | -  | -  |              | _        |     |       | 69<br>70 | $\vdash$       |   |   | <u> </u> | H            | ⊢  | -  | _  | ╀ |
| <u> </u> | 20       | √,       | _  | _  | ⊢        | _  |  | <del> </del>                                     | <u> </u>     | -        |     |       |          | $\vdash$       |   |   | -        | -            | -  | ⊢  | ┝  | ╀ |
|          | 21       | √,       | _  | _  |          |  | -  | <u> </u>   | <u> </u>     | -        |     |       | 71       | H              |   |   |          | ┝            | <u> </u>   | <del>                                     </del> |  | ╀ |
| <u> </u> | 22       | V        |  |  | L        | <u> </u>   | <u> </u>   | <u> </u>   | _            |          |     |       | 72<br>73 | $\vdash\vdash$ |   |   | ├-       | <u> </u>     | ⊢  | ⊢  | _  | ╀ |
|          | 23       | <b>√</b> | _  |  | ⊢        | _  | -  | _  | <u> </u>     |          |     |       |          | Н              |   |   | ⊢        | ⊢            | ⊢  |  | -  | ╀ |
| <u> </u> | 24       | V        | _  | -  |          | -  |  | ⊢  | ⊢            | -        |     |       | 74<br>75 | H              | _ |   | ⊢        | ├-           | ⊢  | ⊢  |  | ╀ |
|          | 25       | <b>√</b> |  | _  | ⊢        | ⊢  | -  | ├—   |              | -        |     |       | 76       | $\vdash$       | - |   | ⊢        | $\vdash$     | $\vdash$   | ⊢  | -  | ╁ |
|          | 26<br>27 | 1        | $\vdash$   | <u> </u>   | -        | }—   | -  | -  | ├            | -        |     |       | 77       | ┝╌┤            | _ |   | ├—       | -            | ⊢  | ⊢  |  | ╀ |
|          | 28       | 1        |  |  |          | -  |  | _  | -            | -        |     |       | 78       | H              |   |   | ├        | ├            | -  |  |  | ╀ |
|          | 29       | <b>√</b> | -  | <u> </u>   | -        | 1  | $\vdash$   | -  | $\vdash$     |          |     |       | 79       | -              | _ |   | ┢        | ┢            | ├  | ├  | -  | ╁ |
|          | 30       | <b>√</b> |  | _  |          | $\vdash$   | $\vdash$   | ├  | ⊢            | ┢        |     |       | 80       | H              |   |   | $\vdash$ | -            | ├─   | -  | $\vdash$   | ╁ |
|          | 31       | <b>√</b> | _  |  | -        | ⊢  | ┢  | ├  | ⊢            | -        |     |       | 81       | $\vdash$       | _ | _ | ├        | ┢            | ┢  | ┢  | $\vdash$   | ╁ |
|          | 32       | <b>∨</b> |  | _  | -        | 1  | ├  | ├─   | ├            | H        |     |       | 82       | Н              |   |   | ┢        | ┢            | ┢  | ┢  | ⊢  | t |
|          | 33       | <b>∨</b> |  | _  | -        |  | ├─   | ┢  |              |          |     |       | 83       | Н              |   |   | $\vdash$ | $\vdash$     | $\vdash$   | ├  | $\vdash$   | t |
|          | 34       | <b>∨</b> | $\vdash$   |  |          |  |  | ┢  | ┝            | $\vdash$ |     |       | 84       | $\vdash$       | _ | _ | -        | ╁            | $\vdash$   |  | $\vdash$   | t |
|          | 35       | <b>√</b> | H  |  |          |  | -  | ┢  |              | $\vdash$ |     |       | 85       | H              |   |   |          |              |  | $\vdash$   | -  | t |
|          | 36       | <b>√</b> | -  |  |          |  |  | -  | <del> </del> |          |     |       | 86       | Н              |   |   | H        |              | <del>                                     </del> | $\vdash$   | $\vdash$   | t |
|          | 37       | V        | -  | <del> </del>                                     |          |  | ├─   | ┢  | -            | _        |     |       | 87       | $\vdash$       |   | _ | ┢        |              | ┢  | $\vdash$   | _  | t |
|          | 38       | Ĭ        |  | $\vdash$   |          |  |  | ┢  | ┢            | ┢        |     |       | 88       | H              |   |   |          | 1            | <del>                                     </del> | $\vdash$   | ┢  | t |
|          | 39       | V        |  | -  | _        | _  | Ė  | ┢  | ╁            | -        |     |       | 89       |                |   | - | $\vdash$ | $\vdash$     | $\vdash$   | $\vdash$   | $\vdash$   | t |
|          | 40       | <b>√</b> |  | ۳-   | -        | Н  | $\vdash$   | <del>                                     </del> | $\vdash$     | $\vdash$ |     |       | 90       | H              | _ | _ | T        | $\vdash$     | Т  | Т  | 一  | t |
|          | 41       | 7        | $\vdash$   | -  | $\vdash$ | <del>                                     </del> | $t^-$  | $\vdash$   | $t^-$        | $\vdash$ |     |       | 91       | Н              |   |   | H        | $\vdash$     | Ι-   | $\vdash$   | <del>                                     </del> | t |
|          | 42       | 1        |  | $\vdash$   |          | -  | <del>                                     </del> | $\vdash$   | $\vdash$     |          |     |       | 92       | Н              | _ |   | T        |              | $t^-$  |  | T  | t |
|          | 43       | <b>∨</b> | Н  |  | Н        |  | $\vdash$   | <del>                                     </del> | $\vdash$     | $\vdash$ |     |       | 93       | H              |   | _ | Т        | 1            | Т  |  | T  | t |
|          | 44       | <b>√</b> | Н  |  | 1        |  | $\vdash$   | T  | t            | $\vdash$ |     | -     | 94       | $\vdash$       | _ |   | Г        |              | T  | T  | T  | t |
|          | 45       | V        |  | $\vdash$   |          |  | $\vdash$   | <u> </u>   | l            | Т        |     |       | 95       | $\vdash$       |   | _ | Г        | П            | T  | T  | ┢  | t |
|          | 46       | <b>√</b> |  |  | Т        |  | <del>                                     </del> | ┢  | T            |          |     |       | 96       | $\sqcap$       |   |   | Г        |              | Т  |  | Г  | T |
|          | 47       | <b>√</b> | Н  | <b></b>  | Т        |  | T -  | ⇈  | T            | П        |     |       | 97       | П              |   |   | T-       | 1            |  |  | Γ  | T |
|          | 48       | 7        | Н  | <del>                                     </del> | H        | T  |  | lТ   | m            |          |     |       | 98       | $\sqcap$       |   |   | Г        | Г            | ⇈  | П  |  | T |
|          | 49       | Ť        | -  |  | <u> </u> | Т  | <del>                                     </del> | T  | T            |          |     |       | 99       | $\Box$         |   |   | Г        | $I^-$        | Г  | Г  | İΤ   | T |
|          | 50       | Н        |  |  | Г        |  | T  | ✝  | Ι            | П        |     |       | 100      | П              |   |   |          |              | Т  |  | ΙT   | T |
|          |          |          |  |  |          | -  |  |  |              | _        | ' ' |       |          |                |   |   |          |              |  |  |  | _ |

| Cla        | aim      | Date     |                                     |          |          |                                     |              |          |                |              |  |
|------------|----------|----------|-------------------------------------|----------|----------|-------------------------------------|--------------|----------|----------------|--------------|--|
|            |          | Н        |                                     |          |          |                                     |              |          |                |              |  |
| <u></u>    | Original |          |                                     |          |          |                                     |              |          |                |              |  |
| Final      | į        |          |                                     |          |          |                                     |              |          |                |              |  |
|            |          |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 51<br>52 |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 52       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 53       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 54       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 55       |          |                                     |          |          |                                     |              |          |                |              |  |
| <u></u>    | 56       |          |                                     |          |          |                                     | _            |          |                |              |  |
| <u></u>    | 57       | _        |                                     |          |          |                                     |              |          |                |              |  |
|            | 58       |          |                                     |          |          |                                     | _            |          |                |              |  |
|            | 59       |          |                                     | _        |          |                                     | _            |          |                |              |  |
| <u> </u>   | 60       |          |                                     |          |          |                                     |              |          |                |              |  |
| L          | 61       | _        |                                     |          | _        |                                     |              | _        |                |              |  |
|            | 62       |          |                                     | _        |          |                                     |              | _        |                |              |  |
|            | 63       |          |                                     | _        |          |                                     | _            |          | _              |              |  |
| -          | 64<br>65 |          |                                     | _        |          |                                     | _            |          | _              |              |  |
| -          | 65       |          | -                                   |          |          | <u> </u>                            | _            |          |                | _            |  |
| <u> </u>   | 66       |          |                                     |          | <u> </u> | $\vdash$                            |              |          |                | _            |  |
| $\vdash$   | 67<br>68 |          |                                     | _        | $\vdash$ |                                     | _            | <u> </u> | _              | _            |  |
| <u> </u>   | 60       |          |                                     | -        | _        | _                                   | _            |          |                |              |  |
| <u> </u>   | 69<br>70 | _        | -                                   | -        |          |                                     |              | -        | _              | _            |  |
|            | 71       |          | _                                   | -        | _        |                                     |              | _        |                |              |  |
|            | 72       |          | H                                   | -        | _        | -                                   | _            |          |                |              |  |
| $\vdash$   | 72<br>73 | -        | -                                   | -        | -        | -                                   |              |          |                | _            |  |
| $\vdash$   | 74       |          | -                                   |          |          | $\vdash$                            | $\vdash$     |          | _              |              |  |
| <b>—</b>   | 75       |          | _                                   |          | _        | -                                   | $\vdash$     |          |                |              |  |
|            | 75<br>76 |          | _                                   | -        |          |                                     |              |          |                | _            |  |
|            | 77       |          |                                     | _        | <u> </u> |                                     |              | _        |                |              |  |
|            | 78       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 78<br>79 |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 80       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 81       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 82       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 83       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 84       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 85       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 86       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 87       |          |                                     |          |          |                                     |              |          |                |              |  |
|            | 88       |          |                                     |          | Ш        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | Ш            | L        | Ш              | $oxed{oxed}$ |  |
| <u></u>    | 89       |          | <u> </u>                            | _        | _        | <u> </u>                            | Ш            | L_       | Щ              | Щ            |  |
|            | 90       | Щ        | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L.,      | L        | <u> </u>                            | $oxed{oxed}$ | L.       | Ш              | Ь.           |  |
| <u> </u>   | 91       |          | <u> </u>                            | <b> </b> |          | <u> </u>                            | _            | <u> </u> | L              | Щ            |  |
| ļ          | 92       | L        | <u> </u>                            | _        |          | <u> </u>                            | الل          |          | Ш              |              |  |
| <u> </u>   | 93       | _        | <u> </u>                            | <u> </u> | <u> </u> | $\vdash$                            | <u> </u>     | L_       | $\vdash$       | <u> </u>     |  |
| <u></u>    | 94       |          | <u> </u>                            | _        | _        | $\vdash$                            | <u> </u>     | L_       | <u> </u>       | <u> </u>     |  |
| <b>├</b> ─ | 95       | L        | <u> </u>                            |          | ļ        |                                     | Ь.           |          | $\vdash$       | <u> </u>     |  |
|            | 96       | H        | <u> </u>                            | -        | ļ        | <u> </u>                            | H            |          | <u> </u>       | <u> </u>     |  |
| <u> </u>   | 97       |          | <u> </u>                            | $\vdash$ | <u> </u> |                                     | _            | _        | _              | <u> </u>     |  |
| <u> </u>   | 98       |          | <u> </u>                            | $\vdash$ |          | -                                   | $\vdash$     | $\vdash$ | $\vdash\dashv$ | -            |  |
| <u> </u>   | 99       | $\vdash$ |                                     | $\vdash$ | <u> </u> | $\vdash$                            | -            | -        | $\vdash\dashv$ | $\vdash$     |  |
| 1          |          |          |                                     |          |          |                                     |              |          |                |              |  |

| Cla          | aim   |          |                    |          | [            | Date       | <del></del> |                                     |                           |                |
|--------------|---|----------|--------------------|----------|--------------|------------|-------------|-------------------------------------|---------------------------|----------------|
|              |   |          |                    |          |              |            |             |                                     |                           |                |
| Final        | Original  |          |                    |          |              |            |             |                                     |                           |                |
| 這            | )rić  |          |                    |          |              |            |             |                                     |                           |                |
|              |   |          |                    | L.       |              |            |             |                                     |                           | Щ              |
|              | 101<br>102  |          | _                  |          |              |            |             |                                     |                           | Ш              |
|              | 102   | Ļ        |                    | ļ        |              |            |             |                                     |                           | Щ              |
|              | 103   |          | <u> </u>           |          | _            | _          | _           | _                                   | _                         | Н              |
|              | 103<br>104<br>105   | _        |                    | _        |              | _          |             | ⊢                                   |                           |                |
|              | 105   |          | -                  |          |              |            |             | Н                                   |                           | Н              |
|              | 107   | _        | ┝                  | -        | H            | _          | -           | Н                                   | -                         | Н              |
|              | 108   |          | $\vdash$           |          |              |            |             | $\vdash$                            |                           | Н              |
|              | 109   | -        | -                  | _        |              |            |             | Н                                   | Н                         | Н              |
|              | 109<br>110<br>111   |          | $\vdash$           | _        | $\vdash$     | _          |             | Н                                   | $\vdash$                  | Н              |
|              | 111   |          |                    |          |              | _          |             |                                     |                           |                |
|              | 112   | -        |                    |          |              |            |             | ·                                   |                           |                |
|              | 113   |          |                    |          |              |            |             |                                     |                           |                |
|              | 112<br>113<br>114<br>115  |          |                    |          |              |            |             |                                     |                           |                |
|              | 115   |          | $oxedsymbol{oxed}$ | <u> </u> |              |            |             |                                     |                           | Ш              |
|              | 116   |          | Ļ                  |          |              |            |             |                                     | $ldsymbol{ldsymbol{eta}}$ | Щ              |
| <u> </u>     | 116<br>117<br>118   | _        | <u> </u>           | _        | _            | Щ          |             | _                                   | Щ.                        | Щ              |
|              | 118   | _        | <u> </u>           | <u> </u> |              | lacksquare | _           | _                                   | L                         | Щ              |
|              | 119   | _        | ┡                  |          | <u> </u>     | _          |             | _                                   | _                         | $\vdash$       |
|              | 120   |          | <u> </u>           |          | _            |            |             |                                     |                           | Н              |
|              | 121   |          | <u> </u>           |          | -            | -          | _           | -                                   | -                         | $\vdash$       |
|              | 122   | _        | ┝                  | -        | -            | _          | _           | Н                                   | $\vdash$                  | Н              |
| -            | 124   |          |                    | -        |              |            |             |                                     | H                         | Н              |
|              | 125   |          | -                  | $\vdash$ | Н            |            |             | -                                   | -                         |                |
|              | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 |          | $\vdash$           | $\vdash$ |              | _          |             |                                     |                           |                |
|              | 127   |          |                    |          |              |            |             |                                     |                           |                |
|              | 128   |          |                    |          |              |            |             |                                     |                           |                |
|              | 129   |          |                    |          |              |            |             |                                     |                           |                |
|              | 130   |          |                    |          |              |            |             |                                     |                           |                |
|              | 131<br>132<br>133   |          | L                  | L        | L            |            |             | <u> </u>                            | <u> </u>                  | Ш              |
|              | 132   | _        | <u> </u>           | <u> </u> |              |            |             | _                                   | L.                        | Щ              |
|              | 133   | _        | <u> </u>           | ┝        | <u> </u>     | _          |             | <u> </u>                            | <u> </u>                  | $\vdash$       |
|              | 134   | <u> </u> | <u> </u>           |          | _            | H          |             | $\vdash$                            | $\vdash$                  | Н              |
|              | 135<br>136  | _        | H                  | ├-       | <del> </del> | -          | -           | -                                   | $\vdash$                  | $\vdash\vdash$ |
| <del> </del> | 127   | $\vdash$ | $\vdash$           | $\vdash$ | $\vdash$     | H          | _           | -                                   | $\vdash$                  | Н              |
| $\vdash$     | 137<br>138  | $\vdash$ | ┢                  | -        | $\vdash$     | ļ          | H           | $\vdash$                            | ⊢                         | Н              |
| $\vdash$     | 139   |          | $\vdash$           | ┢┈       | H            | <u> </u>   | H           | H                                   | ┢┈                        | Н              |
| $\vdash$     | 140   | H        | $\vdash$           | $\vdash$ | $\vdash$     | _          | ┢           | 一                                   | H                         | Н              |
|              | 141   | Г        | $\vdash$           | $\vdash$ |              | Г          | Т           | <u> </u>                            | Г                         | Н              |
|              | 142   |          | Г                  |          |              | Г          | Γ           | Ι-                                  | Г                         | П              |
|              | 143   |          |                    |          |              |            |             |                                     |                           |                |
|              | 144   |          |                    |          |              |            |             |                                     |                           |                |
|              | 145   | 匚        |                    | Ĺ        |              |            | $\Box$      | Ĺ                                   |                           | Ш              |
|              | 146   | _        | _                  | igspace  | $oxed{oxed}$ | L          | L           | L_                                  | L                         | Ш              |
| $oxed{oxed}$ | 147   | <u> </u> | <u> </u>           | <u> </u> | Ш            | <u> </u>   | L           | <u> </u>                            | <u> </u>                  | Ш              |
| ļ            | 148   | _        | <u> </u>           | ldash    | Щ            | <u> </u>   | L           | <u> </u>                            | $\vdash$                  | Ш              |
| <u> </u>     | 149   | ļ        | <u> </u>           | ļ        |              | <u> </u>   | <u> </u>    | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | <u> </u>                  | Н              |
| Ľ            | 150   |          |                    | <u> </u> |              | <u> </u>   | L           | <u> </u>                            | L                         | L_J            |